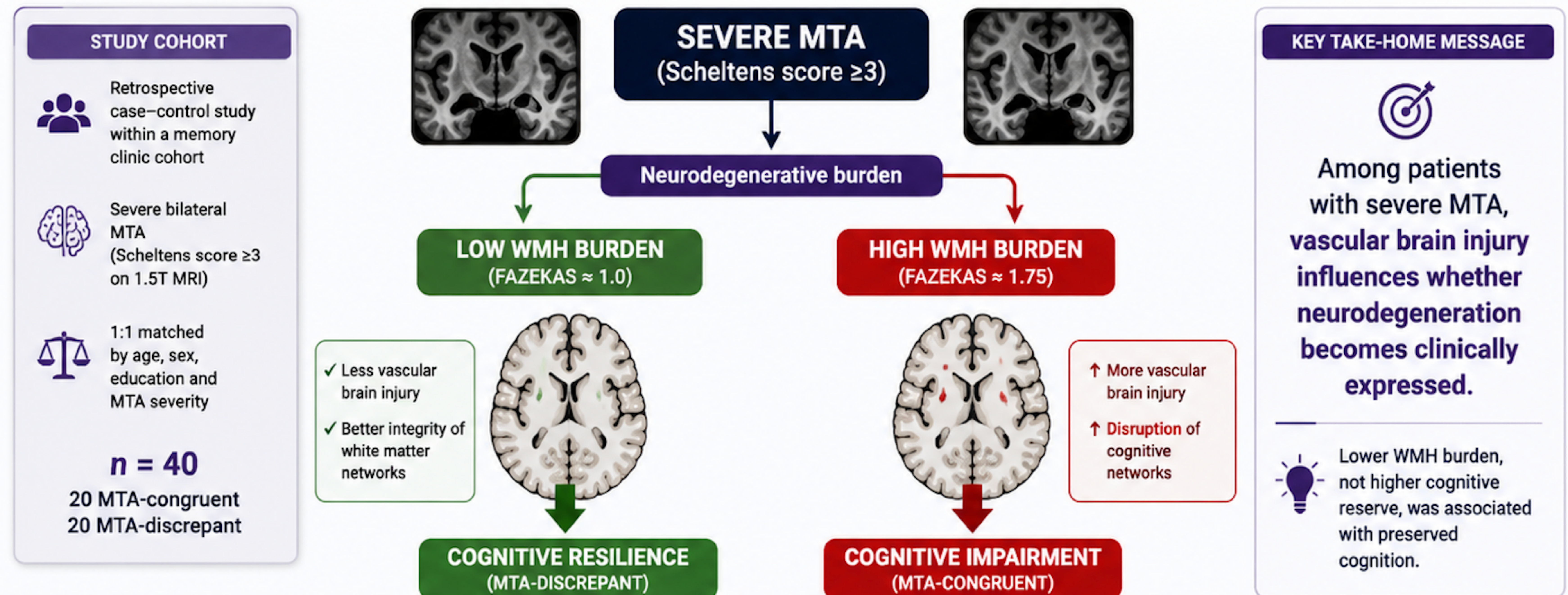


White Matter Injury Distinguishes Cognitively Resilient Patients With Severe MTA

Julian Fernandez Boccazzi, MD¹⁻², Maria Belen Martin Escandell, MD¹, Josefina Escobar, MD¹, Ignacio Flores, MD¹, Noelia Pontello, MD¹, Galeno Rojas, PhD¹ and Santiago O'Neill, MD¹

(1) Favaloro Foundation University Hospital, Buenos Aires, Argentina, (2) Ineco, Buenos Aires,



KEY FINDINGS MTA-discrepant vs. MTA-congruent	DOMAIN / MEASURE	MTA-CONGRUENT (n = 20)	MTA-DISCREPANT (n = 20)	MEAN DIFFERENCE (95% CI)	EFFECT SIZE (Cohen's d)	p VALUE
	White Matter Hyperintensity Burden (Fazekas)	1.75 $\pm$ 0.72	1.00 $\pm$ 0.00	-0.75 (-1.23 to -0.27)	1.29	<0.01
	Delayed Episodic Memory (RAVLT Delayed Recall, Z)	-2.83 $\pm$ 0.55	-1.16 $\pm$ 0.41	1.67 (1.19 to 2.15)	3.44	<0.001
	Semantic Fluency (Z)	-1.45 $\pm$ 1.18	-0.20 $\pm$ 1.26	1.25 (0.49 to 2.00)	1.02	0.002
	Cognitive Reserve (WATBA-R, Z)	-0.52 $\pm$ 0.88	-0.55 $\pm$ 0.87	-0.03 (-0.59 to 0.53)	0.03	0.92